

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
TEL-P-0042 (89588)

Total Pages in this Submission  
61

## TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**Bi-Directional Ring Network Having Minimum Spare Bandwidth Allocation and Corresponding Connection Admission Control**

and invented by:

**Robert B. Magill and Philip J. Lin**

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09/322,337

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 31 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

**UTILITY PATENT APPLICATION TRANSMITTAL**  
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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal                      Number of Sheets 7
- b. ☐ Informal                      Number of Sheets \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☐ Newly executed *(original or copy)*                      ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney                      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7. ☒ Application Data Sheet (See 37 CFR 1.76)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statement(s) Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

9. ☐ Assignment Papers *(cover sheet & document(s))*
10. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement/PTO-1449                      ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☒ Certificate of Mailing
- ☐ First Class    ☒ Express Mail *(Specify Label No.):* EV 337 101 836 US

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

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**Accompanying Application Parts (Continued)**

17. ☒ Additional Enclosures (please identify below):

CHANGE OF CORRESPONDENCE ADDRESS

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

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**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

| For  | #Filed | #Allowed | #Extra | Rate      | Fee      |
|--|--------|----------|--------|-----------|----------|
| Total Claims   | 24     | - 20 =   | 4      | x \$18.00 | \$72.00  |
| Indep. Claims  | 4      | - 3 =    | 1      | x \$84.00 | \$84.00  |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> |        |          |        |           | \$0.00   |
| BASIC FEE  |        |          |        |           | \$750.00 |
| OTHER FEE (specify purpose)  |        |          |        |           | \$0.00   |
| TOTAL FILING FEE   |        |          |        |           | \$906.00 |

- ☒ A check in the amount of **\$906.00** to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **23-0920** as described below.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: **June 23, 2003**

cc:

  
\_\_\_\_\_  
Signature  
**Paul M. Vargo, Reg. No. 29,116**  
**Welsh & Katz, Ltd.**  
**120 South Riverside Plaza**  
**22nd Floor**  
**Chicago, Illinois 60606**  
**Ph. 312 655 1500, Ext. 401**  
**Fax 312 655 1501**

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

**"Express Mail" Mailing Label Number EV 337 101 836 US**

**Date of Deposit:** June 23, 2003

I hereby certify that this correspondence is being deposited with the United States Postal  
"Express Mail Post Office to Addressee" service under 37 CFR 1.10(c) on the date indicated  
above and is addressed to:

**Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

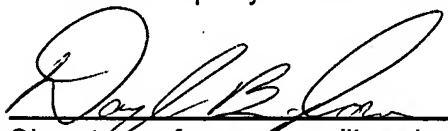
**Applicant: Robert B. Magill and Philip J. Lin (8378/89588)**

**Entitled: Bi-Directional Ring Network Having Minimum Spare Bandwidth Allocation  
and Corresponding Connection Admission Control**

**Serial No. New Divisional Application for Filing**

**Enclosed are the following documents:**

Utility Patent Application Transmittal (Large Entity) (4 pages) with No. Check No.  
**081756** in the amount of \$906.00 attached; Change of Correspondence Address  
form; patent application consisting of 31 pages of specification, 5 pages of claims (19  
claims), 1 page of the Abstract of the Disclosure, 7 sheets of formal drawings, a copy of  
an executed Declaration and Power of Attorney (3 pages); Application Data Sheet (2  
pages); Preliminary Amendment (6 pages) and a self-addressed, postage-prepaid post  
card for receipt by the Mail Room of the United States Patent Office.

  
\_\_\_\_\_  
Signature of person mailing documents

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert B. Magill et al )  
)  
Ser. No.: Divisional of Ser. No. 09/322,337 )  
)  
Filed: June 23, 2003 )  
)  
Title: Bi-Directional Ring Network Having Minimum )  
Spare Bandwidth Allocation and Correspondence )  
Connection Admission Control )  
)  
Group Art Unit: Not Assigned )  
)  
Examiner: Not assigned )  
)  
Docket No.: 8378/89588 (TEL-P-0042) )  
)

**CHANGE OF CORRESPONDENCE ADDRESS**  
**PURSUANT TO 37 CFR 1.33**

MS - Correspondence Change  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

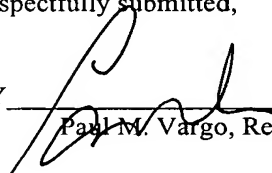
Dear Sir:

Undersigned attorney is hereby advising the United States Patent Office of a change in correspondence address in the above-identified application. All correspondence should be addressed to Paul M. Vargo at the following law firm:

WELSH & KATZ, LTD.  
120 South Riverside Plaza, 22<sup>nd</sup> Floor  
Chicago, Illinois 60606  
(312) 655-1500 (telephone)  
(312) 655-1501 (facsimile)  
FIRM CUSTOMER NO. 24628

Respectfully submitted,

BY

  
Paul M. Vargo, Reg. No. 29,116

WELSH & KATZ, LTD.  
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(312) 655-1500